Name Class

Teacher Date

***6.RP.2***

***Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities***

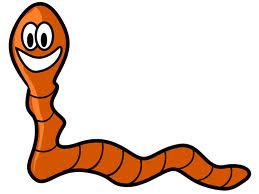
***6.RP.3b***

***Solve unit rate problems including those involving unit pricing and constant speed.***

***6.RP.3c***

***Find a percent of a quantity as a rate per 100.***





**Directions: Answer each question. Be sure to show your work and explain the process you used to find your answer when appropriate.**

1. Andy Worm travels 8 cm every 4 minutes. How far will Andy travel in 6 minutes?

*(Set up a proportion.)*

**Show your work.**

**Answer:**

2. Andy Worm travels 8 cm every 4 minutes. Betty Worm travels 15 cm every 10 minutes. Find the unit rate of Andy and Betty’s speed to see who is traveling faster.

*(Set up a proportion for each worm.)*

**Show your work.**

**Answer:**

3. Betty would like to go to the compost pile. She has traveled 15 of the 60cm to get there. What percent of the total distance has Betty traveled?

**Show your work.**

**Answer:**